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Web Content and Design Trends of Agricultural Universities' Library Website in Rajasthan State, India: An Evaluation

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Abstract

With the advent of new emerging technology in the library, the library website plays an important role and making a handy tool for promoting library services to reach and disseminate information in every corner of the world without physically visiting the library. The present study evaluated the content of Agricultural University Library Websites/Webpages in Rajasthan State, India. Sixty-five criteria of a checklist method are prepared and used for data collection for analysing the feature of library website/webpage. The finding result revealed that the Swami Keshwan and Rajasthan Agricultural University, Bikaner Library Websites/Webpage scored 35 (53.84%) out of 65, which ranked first and falls under the good grade point whereas Rajasthan University of Veterinary & Animal Sciences, Bikaner Library Website ranked in 5th position by scoring 10 (15.38%) out of 65 features and thus needs improvement to provide the basic library services as per user demand.

Keywords: Content Analysis, Agricultural University, Websites, Rajasthan, Design Trends

1. Introduction

ICT facility brings a wide range of opportunities, which could provide solutions to some of the major challenges in the areas viz., acquisition, circulation, cataloguing, periodical, serial control, etc. Due to rapid advancement in emerging technologies viz., Web 3.0 Tools, RFID, Bar Code, Cloud Computing, Ontology, Semantic Web, QR Code, Big Data, Resource Discovery, Mobile App, Content Management System (Joomla, WordPress, Drupal, and Zope, etc.), ILMS (Koha, SOUL, ABCD, Libsys, etc.) and Learning Management System (Moodle, ATutor, Brihaspati, and Claroline, etc.) has greatly enhanced the capabilities of storage, processing, retrieval, repackaging, communicating, sharing, and handling the

explosive growth of information effectively and economically in library services in the present knowledge-based society.

Website is also one of the most important tools to be used in a variety of ways by different institutions for academic purposes for promoting and disseminating the library services to meet the expectation of its users. The library website is used as a medium to communicate the users with their required information. The 21st-century libraries are expected to be fully automated and digitised with a web-savvy user approach. They expect library information to be at their fingertips without visiting the library physically. The great challenge to present users' is that to identify the reliable or authentic information available on the web and social media and Library Science Professionals can play an important role to provide the right information to the right users at the right time at the right moment according to, S.R. Ranganathan (Father of Library Science in India) to fulfil their information needs.

2. Background of the Study

The agricultural sector and its growth in India are faced with new challenges and opportunities on food, nutrition, population, and environmental fronts. Agricultural libraries of India have to play a vital role to face these challenges by providing quick access to information. The Government of India is conscious of improving the conditions of agricultural libraries. In the past, many committees were appointed to meet the challenges of providing agricultural information. These were headed by Damle (1955), Ralph R. Shaw and D. B. Krishna Rao (1957), Randhawa (1960), Dorothy Parker (1969), and Edith Hesse (1997). Most of the recommendations made have since been accepted by the Indian Council of Agricultural Research (ICAR), though only a few have been implemented so far. A large number of workshops, seminars, and conferences for agricultural libraries were held at different places from time to time. These workshops, seminars, and conferences formulated several recommendations for the development of agricultural libraries and their services and passed various resolutions for consideration. (Jain, & Gorla, 2001).

At present, there are 63 State Agriculture Universities (SAUs), 03 Central University, 04 Deemed Universities, and 64 ICAR Central Research Institutes, 06 National Bureaux, 13 Directorates/Project Directorates, and 15 National Research Centres in India offering education and research facilities for the development of agriculture in India. As per

Agricultural University Libraries in Rajasthan State concern, there are 06 State Agriculture Universities in Rajasthan as of 31st January 2021 as listed in Table-1.

Table 1: Agriculture University Websites in Rajasthan
(Source: <https://icar.org.in/content/state-agricultural-universities-0>)

Sl. No.	Name of the Agriculture University	URL	Library Website URL
1	Maharana Pratap University of Agriculture & Technology, Udaipur	https://www.mpuat.ac.in/	https://www.mpuat.ac.in/singlePage.php?id=53&type=DP
2	Swami Keshwanand Rajasthan Agricultural University, Bikaner	http://raubikaner.org/g/	http://raubikaner.org/central_library.asp
3	Rajasthan University of Veterinary & Animal Sciences, Bikaner	http://rajuvas.org/	http://rajuvas.bestbookbuddies.com/
4	SKN Agriculture University, Jobner	http://sknau.ac.in/	http://www.sknau.ac.in/en/student/resources/central-libraryorhttp://14.139.51.37/centrallibrary/
5	Agriculture University, Kota	http://aukota.org/	Not Available
6	Agriculture University, Jodhpur	http://aujodhpur.ac.in/	http://aujodhpur.ac.in/library.php

3. Related Research Work

In the field of content analysis, a lot of work has been done and published in content analysis-related themes on different perspectives but no study was found particularly on content analysis of Agricultural Universities Library Websites in Rajasthan. The researcher followed the relevant literature contributed by different experts. Following are some of them.

Rahman & Sadik (2020) examined the accessibility, currency, accuracy, and user-friendliness of ten selected college library websites affiliated with the University of Delhi. It was found that the maximum number of college libraries website mentioned information related to introduction 9 (90%), library staff 8 (80 %), library hours 6 (60 %), and membership 6 (60 %). It was observed that none of the college library websites/web-pages

used social networking tools, feedbacks, regular updates, and also lack in providing news-clippings, user manual question papers, and single-window search. Findings results revealed that Deshbandhu College library highest scored 38 out of 43 whereas Ramjas College secured only five (05) out of 43 and stands last.

Chikkamanju (2017) examined the content of four Agriculture Universities Library Websites namely UASD, UASR, UASS, and UASB in Karnataka. Findings result showed that a majority of Agriculture University Library Websites are not updated regularly. It was recommended that University Library Websites must pay special attention to make consistently updating to have new arrivals books, journals, circular, upcoming events, announcements information, etc. It was found that only three Agriculture University Libraries Website makes available the link to suggest/recommend books by readers for the library collection, to make available a good collection. The author suggested that all libraries must provide a link on their website to recommend books by readers so that they can feel free to arrange and procure books as per their requirements.

Savitha (2016) studied the content of nine Deemed University Library Websites of Karnataka state. The findings revealed that 100% of Deemed University Library Websites provided library information, about institutions, journals, copyright, books, and 89% of Deemed Universities given information about library sections, working hours, and about the back volume of journals. It was observed from the study that 100% Deemed University Library Website subscribing e-books, e-journals, and e-databases, and also 44% of Deemed Universities Library Website mentioned information link for Facebook and Twitter facilities.

Kaushik (2015) evaluated and used a checklist method of 120 points in order to analyse the collected data on various resources, facilities, services, and further existing information available in Twenty-Eight NIT library websites. Findings result showed that the majority of NIT library websites mentioned information about library book collection, logo, accuracy, electronic resources, miscellaneous services, and sections, etc. but, missing information on library mission statements, reliability search interfaces, Web 2.0 applications, currency, and cloud-computing based services, etc.

Tiwari and Pandit (2014) assessed the content of the four Agricultural Universities Library Websites in Maharashtra by using the checklist method. Finding result showed that all four

agricultural university libraries website are not having a separate website and there are no common format/uniformity for content management on their respective website; no information mentioned about the library staff as well as the date of updating is also missing. The author suggested that website developers must design users' friendly, easily understandable language; clear structure; all information to be up-to-date, short, and brief information. The administrator must provide the opportunity to involve the skilled and expert professional staff of the library in designing and developing the library website.

4. Research Objectives

The present study is carried out to undertake the following objectives.

- 1) To determine the present status of library-related information, e-resources, services, and other facilities existing on the selected Rajasthan Agriculture Universities Library Websites/Webpage;
- 2) To find out whether the Rajasthan Agriculture University Library Websites/Webpage makes mobile-friendly website/webpage for searching information through Mobile;
- 3) To examine whether the selected Rajasthan Agriculture University Library has a separate website/webpage;
- 4) To determine the direct link on parents' home page or link under academics, infrastructure, facilities, etc in Library website/webpage;
- 5) To examine the Web 2.0 Tools that have been deployed by selected Rajasthan Agriculture University as revealed on their library websites/webpages.

5. Research Methodology

There are different ways for data collection tools to execute the research work. To undertake the aforesaid research objectives, the researcher adopted a survey and observation method for data collection tools. The entire research work was designed and developed with the help of a well structure checklist method. Sixty-five criteria were prepared based on the earlier studies to collect research data from the particular library website and used the checked marked system, i.e., tick mark "✓" for **Yes** (1) and cross sign "X" for **No** (0) to respectively content and feature provided in the Agriculture Universities Library Websites/Webpages in Rajasthan under the present study. The checked marked system of using 0 and 1 makes it simple for data analysis and makes available a quantitative result.

6. Data Analysis and Interpretation

The present study is undertaken based on the availability of library information on 06 Rajasthan Agricultural University Library Websites as per ICAR Website by using predefined criteria during a period from 1st December to 28th December 2020 (Source: <https://icar.org.in/content/state-agricultural-universities-0>). However, the researcher not included Agriculture University, Kota Library Website/Webpage due to the non-availability of the Website/Webpage during the study period. The data collection was prepared and tabulated by using MS Excel 2010. The data analysis and interpretation of the collected research data through the checklist method were followed for the study.

6.1 Classification by URL Extension of Rajasthan Agriculture University Websites

Table 2 represented the different URL extensions used by Rajasthan Agriculture University Websites for their Library Website/Webpage. 3 (60%) of Rajasthan Agriculture University Websites URL extension as ac.in where 2 (40%) Rajasthan Agriculture University Website has the URL org/ for their respective Library Website/Web Page.

Table 2: Classification by URL Extension of Rajasthan Agriculture University Websites/Webpages

Name of the Agriculture University	URL extension
Maharana Pratap University of Agriculture & Technology, Udaipur	ac.in/
Swami Keshwanand Rajasthan Agricultural University, Bikaner	org/
Rajasthan University of Veterinary & Animal Sciences, Bikaner	org/
SKN Agriculture University, Jobner	ac.in/
Agriculture University, Jodhpur	ac.in/

6.2 Availability of Library Websites/Webpages

Table 3 denotes the information about the availability of the library website/web page of the Agricultural Universities of Rajasthan. The researcher has prepared two parameters, viz., the library having a website/web page and the library having a separate website under the heading of the availability of libraries' website/web page. It is revealed that all 5 (100%) of the Rajasthan Agricultural University Library Website/Webpage and only SKN Agriculture University Library has a separate portal/website along with library webpage.

Table 3: Availability of Library Websites/Webpages

Name of Agriculture University	The library has a website/webpage	The library has a separate website
Maharana Pratap University of Agriculture & Technology, Udaipur	✓	X
Swami Keshwanand Rajasthan Agricultural University, Bikaner	✓	X
Rajasthan University of Veterinary & Animal Sciences, Bikaner	✓	X
SKN Agriculture University, Jobner	✓	✓
Agriculture University, Jodhpur	✓	X
Total Score (Max. 5)	5 (100%)	1 (20%)

6.3 Accessibility of Library Websites/Webpages

Table 4 shows the accessibility of the library website/web page of the selected Rajasthan Agricultural Universities. The link of the library website/web page must be provided directly on the parent's home page so that the information seeker can be accessed without any difficulty for everyone. If any library website is not given a direct link then anyone has to hunt for under each heading/category for getting their chosen link to the web page/website. The analysis of the study reveals that 3 (60%) of Rajasthan Agriculture University Library Websites has Link under infrastructure, facilities, etc. which is followed by 2 (40%) of the Rajasthan Agriculture University Library Websites has a direct link on parents' home page.

Table 4: Accessibility of Library Websites/Webpages

Name of Agriculture University	Direct link on parents' home page	Link under Infrastructure, facilities, etc.
Maharana Pratap University of Agriculture & Technology, Udaipur	X	✓
Swami Keshwanand Rajasthan Agricultural University, Bikaner	X	✓
Rajasthan University of Veterinary & Animal Sciences, Bikaner	✓	X

SKN Agriculture University, Jobner	✓	X
Agriculture University, Jodhpur	X	✓
Total Score (Max. 5)	2 (40%)	3 (60%)

6.4 Basic Information on Mobile-Friendly Test

Mobile-Friendly Test is a mechanism where anybody can test a particular website to see whether it is mobile-friendly or not. As per study concern, the researcher adopted the Mobile-Friendly Test of Google Search Console (<https://search.google.com/test/mobile-friendly>). It is very simple and easy to paste the URL of the respective website into the shown space provided area, and then click test URL within a few seconds, the result will be shown. It is observed that all the Rajasthan Agriculture University Library Websites/Webpages are user-friendly to visit websites/webpages.

Table 5: Accessibility and Mobile-Friendly Test

Name of Agriculture University	Mobile-Friendly Test
Maharana Pratap University of Agriculture & Technology, Udaipur	✓
Swami Keshwanand Rajasthan Agricultural University, Bikaner	✓
Rajasthan University of Veterinary & Animal Sciences, Bikaner	✓
SKN Agriculture University, Jobner	✓
Agriculture University, Jodhpur	✓
Total Score (Max. 5)	5 (100%)

6.5 Basic Information on General Information

The analysis of the study reveals that the majority (60%) of the Rajasthan's Agricultural University Library Websites/Webpages have mentioned the information about library opening hours/working hours/ holidays which was followed by the information about contact us, about the library, library rules and regulations and library membership details with 40%. 20% of the Rajasthan's Agriculture University Library Websites/Webpage give information about mission/vision/aims/objectives statement, library news and events/announcement, library sections, domain, images/photo gallery, search option, visitors' counter/hits, and last/latest update, etc.

Table 6: General Information on Website/Webpage

General Information/ Criteria	01	02	03	04	05	Total	%
Library Opening Hours/Working Hours/ Holidays	X	✓	✓	✓	X	3	60%
Contact Us	X	X	✓	✓	X	2	40%
About Library	X	X	✓	✓	X	2	40%
Library Rules and Regulations	X	✓	X	✓	X	2	40%
Library Membership Details	X	✓	X	✓	X	2	40%
Mission/Vision/Aims/Objectives Statement	X	X	X	X	✓	1	20%
Library News and Events/Announcement	X	X	X	✓	X	1	20%
Library Sections	X	X	X	X	✓	1	20%
Domain	X	X	X	✓	X	1	20%
Images/Photo Gallery	X	X	X	✓	X	1	20%
Search Option	X	X	X	✓	X	1	20%
Visitors Counter/Hits	X	X	X	✓	X	1	20%
Last/ Latest Update	X	X	X	✓	X	1	20%
Future Plans	✓	X	X	X	X	1	20%
Useful/Important Links	X	X	X	✓	X	1	20%
Android App	X	X	X	✓	X	1	20%
Library Staff/Team	X	X	X	✓	X	1	20%
Site Map /Google Map	X	X	X	✓	X	1	20%
Ask a Librarian	X	X	X	✓	X	1	20%
Total Score (Max. 19)	1	3	3	16	2		

Note: Maharana Pratap University of Agriculture & Technology, Udaipur (01), Swami Keshwanand Rajasthan Agricultural University, Bikaner (02), Rajasthan University of Veterinary & Animal Sciences, Bikaner (03), SKN Agriculture University, Jobner (04), Agriculture University, Jodhpur (05)

6.6 Library Collection Information on Websites/Webpages

The study attempted to evaluate the availability of information about library collection on the Websites of respective agricultural universities and the data is presented in Table 7. The majority (80%) of the Rajasthan Agriculture University Library Websites/Webpages have mentioned the information about printed books and printed journals which are followed by the information about CD/DVDs/CD ROM, theses & dissertations, and back/bound volume of journals with 60%. It was further observed that Reports, reference sources/books, newspaper and general magazines/periodical with 40%.01 (20%) of Rajasthan Agriculture University Library Websites/Webpages provided information Monographs, Audio-Visual Material, and Seminar/Conference Proceedings.

Table 7: Library Collection Information on Website/Webpage

Library Collection	01	02	03	04	05	Total	%
Printed Books	✓	✓	X	✓	✓	4	80%
Printed Journals	✓	✓	X	✓	✓	4	80%
CD/DVDs/CD ROM	✓	✓	X	✓	X	3	60%
Theses & Dissertations	✓	✓	X	✓	X	3	60%
Back/Bound Volume of Journals	X	✓	X	✓	✓	3	60%
Reports	X	✓	X	✓	X	2	40%
Reference Sources/Books	✓	✓	X	X	X	2	40%
News Paper	X	X	X	✓	✓	2	40%
General Magazines/Periodical	X	X	X	✓	✓	2	40%
Govt. Publication	X	X	X	✓	✓	2	40%
Monographs	X	✓	X	X	X	1	20%
Audio-Visual Material	X	X	X	X	✓	1	20%
Seminar/Conference Proceedings	X	✓	X	X	X	1	20%
Total Score (Max.13)	5	9	0	9	7		

6.7 Library Services Information on Websites/Webpage

Library services are the facility provided to the users by the respective libraries for the full exploitation of the resources available in that library and easy access to the library resources. Table 8 illustrates the information available about library services. It is observed from the

study that the majority (100%) of the Rajasthan University Library Websites/Webpage has given information on the library website/webpage about Resource Sharing (CeRA) which was followed by 4(80%) of the Library Websites/Webpages which has provided the information about CD Service (CD-ROM Search), Internet-Based Services and reprographic/ photocopying/xerox service. It is further observed from the study that 60% of the Rajasthan Agriculture University Library Websites/Webpages has given information about Wi-fi Facility, ILL/DDS, reading rooms/halls facilities. 40% of the Rajasthan Agriculture University Library Websites/Webpages provide the information of SDI, Digital Library, user awareness programmes, user education programme/service, and loan privileges/ lending service, etc., and Orientation Programme. 20% of Rajasthan Agriculture University Library Websites/Webpages have given information about the services such as referral services, CAS, newspaper, organization of book exhibitions, orientation programme and reading services, etc.

Table 8: Library Services Information on Websites/Webpages

Library Services	01	02	03	04	05	Total	%
Resource Sharing (CeRA)	✓	✓	✓	✓	✓	5	100%
CD Service (CD-ROM Search)	✓	✓	X	✓	✓	4	80%
Internet-Based Services (Internet Browsing Service)/ Internet Surfing Facility	✓	✓	X	✓	✓	4	80%
Reprographic/ Photocopying/Xerox Service	✓	✓	X	✓	✓	4	80%
Wi-fi Facility	X	✓	X	✓	✓	3	60%
OPAC Facilities	X	✓	X	✓	✓	3	60%
ILL/DDS	✓	✓	X	✓	X	3	60%
Database Access/ Database Search/ Database Service	✓	✓	X	✓	X	3	60%
Reading Rooms/Halls Facilities	✓	X	X	✓	✓	3	60%
SDI	✓	X	X	✓	X	2	40%
Digital Library	X	✓	X	✓	X	2	40%
User Awareness Programmes	X	✓	X	✓	X	2	40%
User Education Programme/Service	X	✓	X	✓	X	2	40%

Loan Privileges/ Lending Service	X	✓	X	✓	X	2	40%
Bibliography and Abstracting Services	X	✓	X	✓	X	2	40%
Library Display/ New Arrivals Display	X	X	✓	✓	X	2	40%
CCTV Camera	X	✓	X	✓	X	2	40%
Circulation Service/Functions	X	✓	X	✓	X	2	40%
Reference/Information Service	X	✓	X	✓	X	2	40%
(SC/ST) Book Bank Facility	X	X	X	✓	✓	2	40%
Referral Service	X	X	X	✓	X	1	20%
CAS	X	X	X	✓	X	1	20%
Library and Information Science Course for PG and Ph.D. Students	X	✓	X	X	X	1	20%
Organization of Book Exhibitions	X	✓	X	X	X	1	20%
Documentation Services	X	✓	X	X	X	1	20%
Orientation Programme	X	X	X	✓	X	1	20%
Reading Services	✓	X	X	X	X	1	20%
Total Score (Max. 27)	9	19	2	23	8		

6.8 E-Resources Information on Websites/Webpages

E-resources are the most demanding sources at present where the users can access the information of their interest from anywhere and at any time. Table 9 shows the availability of different e-Resources provided for the users by the Rajasthan Agriculture University Websites/Webpage which is further reflected in their respective libraries' websites. The present study reveals that the majority 5 (100%) of the Rajasthan Agriculture University Library Websites/Webpage subscribed to E-Journals and Consortia Resources (CeRA), which is followed by the information about the availability of CD-ROM Database, E-Books, and E-Books with 80%.

Table 9: E-Resources Information on Website

E-resources	01	02	03	04	05	Total	%
E-Journals	✓	✓	✓	✓	✓	5	100%
Consortia Resources (CeRA)	✓	✓	✓	✓	✓	5	100%
CD-ROM Database	✓	✓	X	✓	✓	4	80%
E-Books	✓	X	✓	✓	✓	4	80%

E-Database/Online Database	✓	✓	✓	✓	X	4	80%
E-Newspaper	X	X	✓	✓	X	2	40%
Total Score (Max.6)	5	4	5	6	4		

6.9 Rating Scale for Rajasthan Agriculture University Library Websites/Webpages

The five-point rating scale was fixed equally based on the maximum score of 65 of Content features (Table 6 to 9 with 65 points) to rank the Rajasthan Agriculture University Library Websites/Webpages, the rating scale was considered to rank "Outstanding" to "Needs Improvement" based on the five-point scale below (Table-10):

Table-10: Rating Scale for Rajasthan Agriculture University Library Websites/Webpages

Range (Score)	Rank
53-65	Outstanding
40-52	Very Good
27-39	Good
14-26	Average
01-13	Needs Improvement

6.10 Total Score and Ranking of Rajasthan Agriculture University Websites/Webpages

The total score of study Rajasthan Agriculture University Library Websites/Webpages are presented in Table 11 based on previous respective Tables 6 to 10 entitled "Total Score of Rajasthan Agriculture University Websites/Webpages".

Table 11: Total Score and Ranking of Rajasthan Agriculture University Websites/Webpages

Name of the University	T 6	T 7	T 8	T 9	Total Score (Max 65)	Grade	Rank
Swami Keshwanand Rajasthan Agricultural University, Bikaner	3	9	19	4	35 (53.84%)	Good	1 st
SKN Agriculture University, Jobner	16	9	23	6	34 (52.30%)	Good	2 nd
Agriculture University, Jodhpur	2	7	8	4	21 (32.30%)	Average	3 rd

Maharana Pratap University of Agriculture & Technology, Udaipur	1	5	9	5	20 (30.76%)	Average	4 th
Rajasthan University of Veterinary & Animal Sciences, Bikaner	3	0	2	5	10 (15.38%)	Needs Improvement	5 th

It is observed from the study that based on the total score obtained by Swami Keshwan and Rajasthan Agricultural University, Bikaner, SKN Agriculture University, Jobner, and Agriculture University, Jodhpur got a “Good” cursory glance securing the position first, second, and third respectively as per the ranking score of Table 11. It is revealed through the study that Rajasthan University of Veterinary & Animal Sciences, Bikaner did not get up to the mark of the total score which further falls under the category “Needs Improvement” and secured the position fifth.

7. Major Findings

1. SKN Agriculture University, Jobner Library Websites/Webpages 16 (84.21%) has given the highest number of information such as library opening hours/working hours/ holidays, contact us, about the library, library rules and regulations, library membership details, and search option, etc.
2. Swami Keshwanand Rajasthan Agricultural University, Bikaner and SKN Agriculture University, Jobner 9 (69.23%) have mentioned the highest number of information on the Websites/Webpage like printed books, printed journals, CD/DVDs/CD ROM, theses & dissertations, back/bound volume of journals, etc.
3. SKN Agriculture University, Jobner, Library Websites/Webpages has provided the highest number of library services such as Resource Sharing (CeRA), CD Service (CD-ROM Search), internet-based services, reprographics service, and Wi-fi Facility, etc i.e., 23 (85.18%).
4. SKN Agriculture University, Jobner has the highest number of e-Resource information facility provided on their respective library website.
5. It is observed that 5 (100%) of the Rajasthan Agriculture University Library Website/Webpage and only SKN Agriculture University Library has a separate portal/website.

6. It is observed that all the Rajasthan Agriculture University Library Websites/Webpages are mobile-friendly to visit the websites/webpages.
7. It was also observed from the study that none of the Rajasthan Agriculture University Library Websites/Webpages have integrated Web 2.0 Tools.

8. Conclusion

Website is the mirror of any respective institution showing the visibility of the institution's work and the users who reside in remote places can visit the websites of universities without physically visiting the place. The present study reveals that none of the Rajasthan Agriculture University Library Websites/Webpages comes under the "Outstanding" score criteria which reflects the grade point "53-65". It was found that Swami Keshwanand Rajasthan Agricultural University, Bikaner (35) scores the highest number followed by Swami Keshwan and Rajasthan Agricultural University, Bikaner (34) among the Rajasthan Agriculture University Library Websites/Webpages taken for the study. Agriculture University, Jodhpur library websites/webpages obtained the third rank with 21 scores. And none of the Rajasthan Agriculture University Library Websites/Webpages used Web 2.0 Tools and Q R Code Facility on their site. There is no financial constraint to implement Web 2.0 Tools and Q R Code. It is easily available on the web to integrate into the site.

9. Suggestions

Based on the analysis and the findings of the study the following suggestions are made to improve the Agriculture University Library Websites in Rajasthan.

1. Designing library websites with an emphasis on the analysis of content techniques must be included in the course curriculum of Library and Information Science Departments.
2. Agricultural University Library Website must incorporate more cutting-edge technologies viz., Web 3.0, Cloud-Based Services, Resource Discovery Service, Q R Code Facility, etc. as per the requirement of users so that users feel satisfied with the services provided by the library;
3. It is recommended that Library Science Schools and Libraries should organise workshop/ continuing education programmes/seminar to train the LIS Professionals on Library Website designing and evaluation techniques;
4. Librarian and Website Administrator must pay special attention frequently to update the information rather than only administrative information to attract the users.

References

- C. (2017). Website Analysis of University of Agricultural Sciences Library in Karnataka State, India: A Study. *International Journal of Library and Information Studies*, 7(3), 128-134. Retrieved December 23, 2020, from http://ijlis.org/img/2017_Vol_7_Issue_3/128-134.pdf
- ICAR. (n.d.). State Agricultural Universities. Retrieved January 05, 2021, from <https://icar.org.in/content/state-agricultural-universities-0>
- Jain, S. P., & Gorla, S. (2001). Status of Agricultural Libraries in India : A Critical Analysis. *Annals of Library and Information Studies (ALIS)*, 48(1), 31-38. Retrieved January 5, 2021, from [http://nopr.niscair.res.in/bitstream/123456789/17897/1/ALIS%2048\(1\)%2031-38.pdf](http://nopr.niscair.res.in/bitstream/123456789/17897/1/ALIS%2048(1)%2031-38.pdf)
- Kaushik, A. (2015). An Evaluation of National Institutes of Technology (NITs) Library Websites. *DESIDOC Journal of Library & Information Technology*, 35(3), 223-234. Retrieved December 23, 2020, from <https://publications.drdo.gov.in/ojs/index.php/djlit/article/view/8546/4888>
- Rahman, A., & Sadik, B. M. (2020). Content Analysis of Library Websites of Select Colleges of Delhi University : A Study. *DESIDOC Journal of Library & Information Technology*, 40(04), 247-252. doi:10.14429/djlit.40.04.15454
- S, S. K. (2016). Content Analysis of Deemed University Library Websites of Karnataka State: A Study. *International Journal of Digital Library Services*, 6, 87-93. Retrieved December 23, 2020, from <http://www.ijodls.in/uploads/3/6/0/3/3603729/767.pdf>
- Tiwari, V., & Pandit, P. (2014). Library Websites of the Agricultural Universities of Maharashtra State: Content Analysis. *Indian Journal of Library and Information Science*, 8(3), 337-341. Retrieved January 5, 2021, from https://www.researchgate.net/publication/343850157_Library_Websites_of_the_Agricultural_Universities_of_Maharashtra_State_Content_Analysis